## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE    |
|---------------------------|----------|--------|---------|
| FEE DETERMINATION         | m-6      |        | 1/6/10  |
| O.I.P.E. CLASSIFIER       |          |        | 51-2400 |
| FORMALITY REVIEW.         |          |        | •       |
| RESPONSE FORMALITY REVIEW |          |        |         |
|                           |          | 1      |         |

## INDEX OF CLAIMS

|   | Rejected                                 |   | Non-elected     |
|---|--|---|-----------------|
| _ | (Through numeral) Canceled<br>Restricted | Α | Appeal Objected |

| Cla      | im [   |           | -             |          |          | Dat                                    | te       |  |            |          | $\neg$  | ſ   | Cla      | m        |          |          |          |          | Date                                   |          |          |            |          |  |          | Cla      | im       |                      | _   | _  |          | Date     | ,        |          |          | Ť.       | ]        |
|----------|--|-----------|---------------|----------|----------|--|----------|--|------------|----------|---|-----|----------|----------|----------|----------|----------|----------|--|----------|----------|------------|----------|--|----------|----------|----------|----------------------|-----|--|----------|----------|----------|----------|----------|----------|----------|
| _        | _  | द्रा      | 2             | $\neg$   |          |  | П        |  |            | Ţ        | ┑   | j   |          | ار       | П        | T        | П        | П        | Т                                      | Т        | Т        | Т          |          |  |          |          | a        | T                    | Γ   | T  | T        |          |          | ſ        | П        | ·Ţ       | -        |
| _        | ള  | 9         | 7             |          | ı        |  |          |  |            | 1        | ŀ   | - 1 | _        | Original | - 1      | - 1      | - 1      | - 1      | - 1                                    | - 1      | -        | - 1        | ١        |  |          | 78       | Original | 1                    | 1   | - }  | - 1      | - 1      | ١        | - 1      | 1        | ı.       | 1        |
| Final    | 문  | ان        | óι            |          |          |  | i        | l  |            | H        |   | i   | E        | 뒭        | - 1      | - 1      | ı        | ĺ        | - 1                                    | - 1      |          | - 1        | ĺ        |  |          | Final    | ঠি       |                      | 1   |  |          | ı        | - 1      | - 1      | -        | - 1      | 1        |
| ۳        | Original   | V         | -             |          | 4        |  | Н        | Н  | ш          | ⊢⊦       | $\dashv$  | }   | ۳        | 51       |          | -        | -+       | -+       | 一                                      | -+       | 1        | -+         | $\dashv$ | Н  |          | F        | 101      | +                    | +   | +  | $\dashv$ | 7        | _        | _        | $\dashv$ | 7        | 7        |
| L        | W  | 4         |               |          | _        |  |          | Ш  | Ц          | _        | _   | ļ   | _        |          | _        | -1       | -        | -+       | -                                      | -        | 4        | $\dashv$   |          | $\vdash$   |          | -        | 102      | ┿                    | ╬   | +  | +        | -+       | +        | $\dashv$ | +        | ᆉ        | 7        |
| L,       | ×  | 7         |               |          |          |  | $\Box$   | Ш  |            | Ш        | _   | ١   |          | 52       | _        | 4        | 4        | 4        | _                                      | -        | _        | -          | -        | Н  |          | -        |          | +                    | +   | +  | +        | -        | -        | -+       | +        | +        | 4        |
| Г        | ছ  | <         |               |          |          |  |          |  |            |          |   | ı   |          | 53       |          | - 1      |          |          |  | 旦        |          |            |          |  |          | $\perp$  | 103      | ┸                    | L   | ┙  | _1       | _        | _1       | _        | 4        | 1        | _        |
| 1        | V  | Š         | _             |          | $\Box$   | _                                      | П        |  |            |          |   | - 1 | П        | 54       | П        |          | ╗        |          | $\Box$                                 |          | $\Box$   |            |          |  | ļ.       | L        | 104      | ┸                    | _   |  | _        | _        | _        | _        | 4        | _        | _        |
| Н        | 4  | ~         | $\overline{}$ | Н        |          | $\vdash$                               | т        | П  | П          | П        | $\neg$  |     | П        | 55       | _        | ╗        | ╗        | T        | $\neg$                                 | $\neg$   |          |            |          |  | Ì        |          | 105      | 1                    |     | ı  | - 1      | 1        |          | _1       | _L       |          |          |
| $\vdash$ |  | 0         |               | -        | Н        | $\vdash$                               | ┼─       | H  | Н          | Н        | ヿ   |     |          | 56       | ┪        |          | ╗        | ╗        | ヿ                                      | $\neg$   |          | T          |          |  |          |          | 106      | Т                    | Т   | Т  | П        | _        |          |          |          |          |          |
| -        | 7  | 8         | -             | -        | Н        | _                                      | -        | Н  | Н          | Н        | $\dashv$  | 1   | Н        | 57       | $\dashv$ | ┪        | _        | 7        | $\neg$                                 | 7        | ╛        | $\neg$     | _        |  |          |          | 107      | Т                    | 7   | 1  | 7        | 7        | ╗        | 7        | П        | ,        | ٦.       |
| (        |  | 7         | _             |          | Н        | ⊢                                      | -        | -  | Н          | Н        | $\dashv$  |     | Н        | 58       | $\dashv$ | -        | $\dashv$ |          | -                                      | -        | -        | $\dashv$   |          | -  | 1        | $\vdash$ | 108      | +                    | +   | ┪  | $\neg$   | _        |          | ┪        | ┪        | ╗        | ヿ        |
| 2.       | 8  |           | 9             |          | Щ        | <u> </u>                               | ļ        | <del>  -  </del>   | Н          | -        | -4  |     | Н        |          |          | -        |          | $\dashv$ | $\dashv$                               |          | $\dashv$ | -+         | -        | ⊢  | ı        | $\vdash$ | 109      | ┿                    | +   | $\dashv$   | -        | ┪        | _        | -        | _        | T        | ┪        |
| L        | ×  | 0         |               | L        |          | L                                      | <u> </u> | $ldsymbol{ldsymbol{\sqcup}}$   | _          | Ш        | _   |     | Ш        | 59       | $\dashv$ | _        | _        |          | $\dashv$                               | {        | $\dashv$ | -          |          | -  | l        | -        |          | ┿                    | +   | +  | -        | -        |          | -        | ┪        | 1        | $\dashv$ |
| ١.       | ğ  | 9         |               | L        |          |  | <u></u>  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |            | Ц        | _   | 1   | Ш        | 60       | Ш        | _        | Ц        | _        | _                                      | _        | 4        | _          | _        | <b>!</b>   | l        | -        | 110      | +                    | +   |  | 4        | -        | $\dashv$ | -        |          | H        | $\dashv$ |
| . [      | Ø  | 1         |               | Γ.       |          |  | 1        |  |            |          |   |     | Ш        | 61       |          |          |          | _        |  |          | _        | _          |          | ᆫ  | l        | $\vdash$ | 111      | 4                    | 4   | -  | 4        | _        | -        | -        | -        | -        | 4        |
| $\vdash$ | ĸ  | V         |               | Г        |          |  | П        | П  | Г          |          |   |     |          | 62       |          |          |          | H        | . [                                    |          |          | -          |          |  |          | ┖        | 112      | ⊥                    | ┸   | ┙  | _        | _1       | _        | _        | _        | _        | _        |
| $\vdash$ | 13   | र्ज<br>र  | Ι-            | $\vdash$ |          | Т                                      | Т        | 1  |            | П        | П   |     |          | 63       |          |          |          |          | П                                      |          | П        |            |          |  |          |          | 113      | $\perp \!\!\! \perp$ | _[  | ⅃  | [        | _]       | _]       | _1       |          | i        |          |
| $\vdash$ | N  | v         | $\vdash$      | ┢        | $\vdash$ | 1                                      | $\vdash$ | 1-   | Н          | Н        | $\dashv$  |     |          | 64       |          |          |          |          | $\Box$                                 | $\neg$   | $\neg$   | $\neg$     |          |  | 1        |          | 114      | Т                    |     | T  | П        |          |          |          |          |          | J        |
|          | -  | v         | $\vdash$      | -        | $\vdash$ | $\vdash$                               | ╁        | $\vdash$   | ├-         | Н        | $\dashv$  |     | $\vdash$ | 65       | $\vdash$ |          | $\vdash$ | $\vdash$ | $\vdash$                               | $\dashv$ | -        | _          | _        | 1  | 1        |          | 115      | 7                    | 7   | 寸  | ┪        | $\neg$   |          | ╛        | $\neg$   |          | ╗        |
| Ŀ        | 16   | Ö         | ١             | <b>—</b> |          | <b> </b>                               | +        | ├-   | $\vdash$   | Н        |   |     | $\vdash$ | 66       | Н        | $\vdash$ | Н        | $\vdash$ | ┝╌┤                                    | $\vdash$ | $\dashv$ | -          | _        | <del>                                     </del> | 1        | $\vdash$ | 116      | +                    | +   | +  | -        | -        | $\dashv$ | $\dashv$ | 一        | ᅥ        | ⊣        |
| -        | 16   | Ľ         |               | <u> </u> | <u> </u> | L_                                     | _        | ــ   | <u> </u>   | $\vdash$ |   |     | ⊢        |          | Н        |          | $\vdash$ | $\vdash$ | $\vdash$                               | $\vdash$ | $\dashv$ |            | _        | ⊢  | 1        | $\vdash$ | 117      | +                    | +   | -  | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$ |
| Ľ        | (17)   | Ĺ         | Ξ             | L        | L.       | _                                      | L        | _  | <b>∟</b>   |          | Ш   |     | Ш        | 67       | L.       | Щ        | Щ        | Ш        | Ш                                      | Ш        | Н        | _          | -        | ⊢  | 1        | $\vdash$ |          | +                    | +   | -  | {        | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| 2        | <b>当 (3) (3) (3) (3) (3) (3) (3)</b> (3) (3) (3) (3) (3) (3) (3) (3) (3) (3) | )         | li            | ĺ        |          | ١                                      | ŀ        | L  |            |          |   |     | ᆫ        | 68       | _        |          | L        |          | Ш                                      |          |          |            |          | L  | 1        | $\vdash$ | 118      | +                    | 4   | 1  |          |          |          | _        | $\dashv$ |          | $\dashv$ |
| 13       | (19  | П         | П             |          | Г        |  | Т        | Т  |            |          |   |     |          | 69       | !        |          |          |          | $\Box$                                 |          |          |            |          | L.   | 1        | L        | 119      | _                    | 1   | _  | _        |          |          |          |          |          |          |
| 14       | ੋ  | <b>₹</b>  | Н             | t        | _        | T                                      | 1        | $\vdash$   | Τ-         | П        |   |     | Г        | 70       |          |          |          |          |  |          |          |            |          |  | 1        |          | 120      |                      | - 1 |  |          |          |          |          | 1        |          | ı        |
| 15       | Υ.   | ←         | Н             | ┈        |          | ⊢                                      | +        | ╁  | $\vdash$   | ╆╌       | Н   |     | ┝        | 71       | Н        |          | Н        | H        | Н                                      | $\vdash$ |          | П          | _        | 1  | 1        | $\vdash$ | 121      | -1                   | 1   | 寸  |          |          |          |          |          |          | 7        |
| 3        | K,   | <u> </u>  | Н             | ⊢        | ⊢        | -                                      | ╄        | ╀╌   | ⊢          | ⊢        | $\dashv$  |     | ⊢        | 72       | -        | ⊢        | -        | Н        | Н                                      | -        |          | Н          | $\vdash$ | ╆  | 1        | $\vdash$ | 122      | +                    | 7   |  |          |          | Η-       |          |          |          | $\neg$   |
| 8        | 123  | <u>}_</u> | Н             | <u> </u> | _        | L                                      | 4        | ↓_   | <b>!</b> — | ┞-       | Ш   |     | ├        |          | -        | ⊢        | H        | ⊢        | Н                                      | -        | -        | Н          | ⊢        | +-   | 1        | $\vdash$ | 123      | +                    | ┪   |  | -        | -        | -        | Н        | H        | -        | . —      |
| 9        | (23  | L         | П             | L        | 辶        | L                                      | Ļ        | _  | 1_         | ┖        | ш   |     | <u> </u> | 73       | L        | <u> </u> | <u> </u> | <u> </u> | Щ                                      | <u> </u> |          | H          | ┡        | <b>├</b> -                                       | 1        | -        | 124      | +                    | +   | -1   | _        |          | ┝        | Н        | $\vdash$ |          | $\dashv$ |
| 10       | <b>Q</b> 4   | )         | П             | 1        | ١.       |  | 1.       | l  |            |          | Ш   |     | L        | 74       | L        | 匚        | L        | ш        |  |          |          | Ц          | ┕        | ↓_   | 1        | <u> </u> |          | -                    | 4   | _  |          | _        | <u> </u> | ш        | Н        | -        | Н        |
| III      | 25   |           | П             | Ī        | Г        | Г                                      | T        | T  |            | Τ        |   |     | L_       | 75       | L        |          | _        |          |  |          |          | L          | ட        | <u> </u>   | 1        | L        | 125      | _                    | 4   | _  |          | _        | L.       | _        |          | _        | Н        |
| 12       | (26  | 5         | E             | -        | T        | T                                      | Т        | Т  | T          | Π        | П   |     |          | 76       |          |          |          |          | -                                      |          |          |            | 1        | 1  |          | L        | 126      | $\perp$              |     |  |          | _        | _        | L        | _        |          | Ш        |
| -        | 27   |           | F             | $t^-$    | -        | $\vdash$                               | +-       | 1-   |            | +-       | П   |     | T        | 77       | Г        |          |          |          | 1                                      | Г        |          |            | Γ        | П  | 1        | Г        | 127      | П                    | -   |  |          |          |          |          |          |          |          |
| $\vdash$ | 28   |           | +-            | ╁        | $\vdash$ | $\vdash$                               | ╁╌       | +-   | +          | ╁        | $\vdash$  |     | <b></b>  | 78       | H        | $\vdash$ |          | $\vdash$ |  | T        |          |            | Г        | $\top$   | 1        |          | 128      | $\neg$               | T   |  |          |          | Г        | l        |          |          |          |
| -        |  |           | ₩             | ╁        | ⊢        | ⊢                                      | ╀┈       | +-   | ╁          | +-       | $\vdash$  | İ   | $\vdash$ | 79       | -        | ╌        | -        | ┢        | $\vdash$                               | -        | ┢        | ┢          | $\vdash$ | ┰  | 1        | $\vdash$ | 129      | 7                    | ┪   | _  |          |          | $\vdash$ | Г        |          |          | П        |
| L        | 29   |           | ┡             | ╄        | ↓_       | ╄                                      | 4        | +  | ╁-         | ╀        | -   |     | $\vdash$ | 80       | ┢        | ┞        | H        | ├        | ⊢                                      | ⊢        | $\vdash$ | $\vdash$   | ╌        | ┰  | 1        | -        | 130      | -                    | -1  | -  | _        | ┪        | H        | ╁╌       | H        | -        | Н        |
| L        | 30   |           | ┺             | ┺        | 1        | L                                      | 4-       | ┺  | +          | ╀-       | Н   |     | $\vdash$ |          |          | ├        | ┡        |          | ⊢                                      | ⊢        | ⊢        | ├          | ⊢        | +  | 1        | $\vdash$ | 131      | -+                   | -   | _  | ⊢        | ├        | ╁╴       | -        | ┪        | ⊢        | Н        |
| L        | 31   |           | _             |          | <u> </u> | Ш.                                     | L        | 1_   | $\perp$    | L        | Ш   |     | L        | 81       | _        | L        | 上        | ┡        | <u> </u>                               | ╙        | ↓_       | ┞          | <b>!</b> | ╄  | 4        | ⊢        |          | 4                    |     | _  | ├-       | ⊢        | ├-       | ├        | -        | ⊢        |          |
|          | 32   |           | 1             | 1        | L        | 1                                      | L        | $\perp$  | L          | 1_       | $\sqcup$  |     | ┖        | 82       |          | 1_       | _        | ١        | <u> </u>                               | $\vdash$ | $\vdash$ | <b>↓</b> _ | L        | 1  | 4        | 1        | 132      |                      | 4   | Щ  | ├—       | -        | ╀-       |          | $\vdash$ | -        | $\vdash$ |
|          | 33   | 3         | Т             | 1        | 1        | Г                                      | Т        |  |            | Г        |   |     | L        | 83       |          | L        | L        | L.       | 1_                                     | L        |          | L          | L        | 1_   | 1        | L        | 133      | _                    |     | <u></u>  | L_       | <b>L</b> | ļ        | 1_       | ┞-       | ┞        | Н        |
|          | 34   |           | 1             | T        | 1        | 1                                      | 1        | Т  | Τ          | Τ        |   | 1   | Г        | 84       |          | Γ        | Г        | Γ        |  |          | L        | L          | L        | L  | _        | Ĺ        | 134      | _1                   |     |  |          | L        | L        | _        | <u></u>  | 乚        |          |
| H        | 35   |           | ✝             | +        | 1        | +                                      | +-       | ╁  | ╅          | 1-       | Т   | i   |          | 85       | 1        | Т        | 1        | П        | Τ                                      | T        | Г        |            |          | T  | 1        | Г        | 135      | П                    |     |  |          | L        | L        | L        | L        | L        | Ш        |
| +        | 36   |           | +-            | +        | +-       | ╁╌                                     | +        | ╁  | +-         | +-       | t   | 1   | $\vdash$ | 86       |          | 1        | ⇈        | †        | 1                                      | T        |          | 1          | Γ        | 1  | 1        |          | 136      | 寸                    |     | Г  | Γ        | Γ        | Г        | Γ        | Г        |          | П        |
| -        | 37   |           | ╀             | +        | +        | +-                                     | ┿        | +-   | +          | +-       |   | ł   | $\vdash$ | 87       |          | ✝        | +        | T        | +-                                     | +-       | $\vdash$ | T          | t        | +  | 1        | F        | 137      | $\dashv$             | _   |  | Π        | 1        | Τ        | T        | Т        | Г        |          |
| 1        |  |           | +             |          | +        | 1                                      | +        | +  | +          | +        | ┼   | ł   | $\vdash$ | _        | _        | +        | +-       | ╁        | ╁                                      | +        | +-       | +          | t        | +-   | +        | $\vdash$ | 138      | -                    | -   | -  | $\vdash$ | t        | †-       | T        | 1        | t        | П        |
| L        | 38   |           | ┸             | 1        | 4        | ┸                                      | ┸        | 4  | 4_         | 4_       | $\vdash$  | 1   | $\vdash$ | 88       |          | <b>├</b> | 1        | ┼        | +                                      | +        | ├        | $\vdash$   | +        | ╁  | ┥        | -        |          |                      |     | $\vdash$   | -        | ╁        | +        | ╁        | +        | ╁╴       | $\vdash$ |
| L        | 39   | <u>1</u>  |               | L        | L        | $\perp$                                | $\perp$  | $\perp$  | 1          | 1        | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | l   | $\vdash$ | 89       | -        | 1        | ┺        | ↓_       | 1                                      | 1        | -        | ╄          | +        | 4  | 4        | <u> </u> | 139      |                      |     | ⊢  | ├-       | ١.       | +-       | +        | +        | ╁        | $\vdash$ |
|          | 40   | ┌         | Γ             |          |          |  | 1        |  | 1          | 1        |   | 1   | 1        | 90       | 1        | 1        |          | L        | L                                      | L        | L_       | L          | L        | L  | ┙        | L        | 140      |                      |     |  | <u> </u> | 1_       | 1_       | 1        | -        | <u> </u> | $\vdash$ |
| H        | 4  | :         | +             | +        | T        | T                                      | $\top$   | 1  | $\top$     | T        | 1   | 1   |          | 91       | Т        |          | T        | Г        | Τ                                      | Г        |          |            | Γ        | T  | 1        |          | 141      | Ī                    |     | l  | l        | ŀ        | 1        | L        | L        | L        | L        |
| $\vdash$ | 42   |           | +             | +        | +        | +                                      | +        | +  | +-         | +-       | +   | 1   | $\vdash$ | 92       |          | +-       | t        | ✝        | 1                                      | †        | +-       | T          | 1        | 1  | 1        | T        | 142      | -1                   | _   | Г  |          | Γ        | Т        |          | Г        | Γ        | Г        |
| -        |  |           | ╀             | +-       | ╀        | +                                      | ┰        | ╁  | +-         | +        | +   | 1   | $\vdash$ | 93       | -        | ╁        | +        | +-       | +                                      | +        | ╁        | +          | +        | +-   | 1        | -        | 143      | -                    |     |  | ✝        |          | 1-       | T        | Т        | T        | <b>†</b> |
| L        | 43   | _         | 1             | 4-       | $\perp$  | ╀                                      | 4        | +  | +          | +        | +   | 1   | $\vdash$ |          |          | ╀        | +-       | ╀        | +                                      | ╁        | ┼        | ╁          | ٠        | ╁  | -        | ⊢        | 144      |                      |     | ┢  | t        | +-       | +-       | 1        | +        | ٢        | †        |
| L        | 44   |           | L             | $\perp$  | $\perp$  | 1                                      | ┸        | 1  | 1          |          | 1_  | 1   | <u>_</u> | 94       |          | $\perp$  | 1_       | ┺        | 1                                      | 1        | $\vdash$ | +          | ╀        | +  | 4        | -        |          | $\dashv$             |     | ├  | ╀-       | +-       | +-       | +-       | +        | ╁        | +        |
| Г        | 45   | 5         |               |          |          | $\Gamma$                               | J        | _[_  |            | $\perp$  | L   |     | L        | 95       |          | 1_       | 1_       | ┺        | 1                                      | 1_       | 1_       | 1          | Ļ        | <u> </u>   | 4        | L        | 145      |                      |     | -  | ₩        | 1-       | +-       | +        | 1-       | ╀        | +-       |
|          | 46   | 5         | Τ             | 7        | Τ        | Τ                                      |          | T  | T          |          |   |     | Γ        | 96       | 3        | 1        | 1        | 1        | 1                                      | 1        |          | $\perp$    | $\perp$  | $\perp$  |          | L        | 146      |                      | _   | L  | 1        | 1        | 丄        | 1        | 1        | ┺        | 1_       |
| +        | 47   |           | +             | +        | +        | +                                      | $\dashv$ | $\top$   | +          | ┰        | T   | 1   | Г        | 97       |          | 1        | Τ        | Τ        | Τ                                      | Т        | T        | Т          | Γ        | T  | ]        |          | 147      |                      | _   | 1  | 1        | 1        |          |          | 1        | 1.       |          |
| -        | 48   |           | +             | +        | +        | +-                                     | +        | +  | ╁          | ╁        | +   | 1   | $\vdash$ | 98       |          | ╁        | +-       | +        | +                                      | +        | T        | †          | ۲        | t  | 7        |          | 148      |                      |     | Т  | T        | 1        | Τ        | T        |          | Ţ        | Т        |
| 1        |  | _         | +             | +        | +-       | +                                      | +        | +  | +          | +        | +-  | 1   | $\vdash$ | 99       |          | +        | +        | +        | +                                      | +        | +        | +          | +        | +  | +        | -        | 149      | Н                    |     | <del>                                     </del> | †        | T        | 1        | $\top$   | 1        | Τ        | 1        |
| <u> </u> | 45   | _         | +             | -1-      | +        | +                                      | 4        |  | - -        | +        | -   | 1   | -        |          |          | +-       | +        | +-       | ╁                                      | +-       | +-       | +-         | +        | ╁  | $\dashv$ | -        | 150      |                      | _   | H  | 1        | +        | +-       | 1        | $^{+}$   | †        | $\top$   |
| L        | 50   | οŢ        | ┸             | ┸        | 1_       | _ـــــــــــــــــــــــــــــــــــــ | ┸        | ㅗ  | ┸          |          |   | J   | ╙        | 10       | ч_       | ٠.       |          | 1        | _ـــــــــــــــــــــــــــــــــــــ |          | _        | Ь.         | _        | _1_  | _        | L        | 1,00     | _                    |     | 1  | -        |          |          | _        |          | _        | _        |

If more than 150 claims or 10 actions staple additional sheet here

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